Exercise:

Sample HTML code, Write down review step-by-step to suggest improvements.

<!DOCTYPE html>

<html>

<head>

  <title>My Web Page</title>

  <style>

      body {

          font-family: Arial, sans-serif;

      }

      .container {

          width: 80%;

          margin: auto;

          padding: 20px;

      }

      h1 {

          text-align: center;

      }

  </style>

</head>

<body>

  <div class="container">

      <h1>Welcome to My Web Page</h1>

      <p>This is a simple paragraph to introduce the content.</p>

      <a href="https://www.example.com">Click here to visit Example</a>

      <ul>

          <li>Item 1</li>

          <li>Item 2</li>

          <li>Item 3</li>

      </ul>

  </div>

  <footer>

      <p>&copy; 2024 My Web Page</p>

  </footer>

</body>

</html>

Step 1: **Code Understanding**

The given HTML code is a simple webpage that includes:

1. A DOCTYPE declaration says that it is a HTML5 document.

<!DOCTYPE html>

1. A <head> section containing metadata, a title, and inline CSS for styling.

<head>

<title></title> /\* this is for defining title of the webpage\*/

</head>

1. A <body> section with a container div that includes:

* A centered heading (<h1>).
* A paragraph introducing the content.(<p>)
* A hyperlink to an external site (<a>).
* An unordered list (<ul>).

1. A <footer> section with copyright information.

Step 2: **Identifying Potential Issues or Improvements**

1. A <main> tag could be used for the primary content to improve semantic structure.
2. The inline CSS doesn’t make responsiveness for smaller devices.

Step 3: **Suggesting Improvements**

1. Use of meta tag:

<meta>

<div class="container">

<h1>Welcome to My Web Page</h1>

<p>This is a simple paragraph to introduce the content.</p>

<a href="https://www.example.com">Click here to visit Example</a>

<ul>

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

</div>

</meta>

1. Add Meta information using meta tags inside the head tags.

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<link rel="stylesheet" href="style.css">

</head>

<body>

</body>

</html>

1. Using of external stylesheet can improve the styling of the webpage and can also be improved responsiveness by using media queries.

Style.css

body {

font-family: Arial, sans-serif;

}

.container {

width: 80%;

margin: auto;

padding: 20px;

}

h1 {

text-align: center;

}

@media (max-width: 600px) {

.container {

width: 100%;

padding: 10px;

}

h1 {

font-size: 20px;

text-align: center;

}

}

Step 4: **Feedback Summary**

1. Improve semantics by using tags like <main>.
2. Add meta tags for responsiveness.
3. Using of external stylesheet and media queries for better responsiveness.